

INFORMATION REPORT

CD NO

COUNTRY Germany (Russian Zone)

DATE DISTR. 20 JUL. 50

SUBJECT Work on the A-1 Training Device at Zeiss, Jena

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1. In each department the most important (optical) people are assigned to the development program for the A-1 device. Its delivery date is 1 May for the first set. A total of 200 units has been ordered, valued at 16 million Mark.
2. Some technical and designing details have not been settled, so final dimensions and appearance are not definite. A screen three meters square is desired in place of the present two meter square screen, but this presents several problems. A new foundry would be required at Wolfen to pour the larger screen, image ratios in the optical system would have to be changed and pilot's viewing method would have to be modified. Also, several new proposals enter the situation, such as the use of a "pankratische" (panoramic?) projector, and the A-2 and A-3 training devices.
3. Models of U.S. aircraft, locomotives, etc., have been included in the present A-1 training device. The simulated targets are very realistic, and analysis of performance (hits, etc.) is indicated electrically. To provide such automatic action, over 2000 relays are used.
4. Hüssener recently left the Reproduction Department of the Zeiss Works and went West. He was responsible for the model photographs and test plates for the A-1. He is reportedly an expert at cutting lines with spacing as fine as 1/1000th of a mm. for Fraunhofer diffraction gratings.
5. The micro-department is concentrating on instruments for tumor research. Dr. Knöhl is head, and Dr. Zinnasser is prominent in research on tumors at the Frauen-Klinik. Dr. Knöhl is reported to have isolated tumor forming agents and filtrates late in the war.

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